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| 1. History of Metric System | Talk about measurement in the 1700’s.  Measurement and metrics in the 1800’s.  Measurement and the US in the 1900’s.  Measurement in the 2000’s. |
| 2. What are the main measurements that can be used with each of the metric prefixes? | What does a gram measure?  What do you use in science class to measure a gram?  What does a meter measure?  What do you use in science class to measure a meter?  What does a liter measure?  What do you use in science class to measure a liter in science? |
| 3. How does the metric system work? | What are the prefixes and what do they stand for?  What is a way to remember the prefixes?  Which prefix is the smallest? Which prefix is the largest?  How do you convert    See practice sheet attached. Practice conversions as a group. Make sure everyone can do this. |
| 4. What are the steps to measure length, mass, and volume? | Length?  Practice measuring objects.  Draw a picture to represent 1.2 cm  Draw a picture to represent 25mm  Draw a picture to represent 3.25cm  What do you do to find the mass of an object?  What do you do in science classes to find the volume   1. Use appropriate graduated cylinder 2. Fill with liquid 3. Bend down to eye level 4. Look at the bottom of the curve called the meniscus     Ask for more practice with practice sheets. |
| 5. What customary units are about the same as the main metric units? | Gram  Meter  Liter |
| 1. Why do we have to learn the metric system?   Which countries do not use it?  Which countries do use it?  Your opinion? | Why?  Who?  Who?  Should the US change why or why not? |